



United States Department of Commerce
Technology Administration
National Institute of Standards and Technology

NIST Special Publication 911

***Firefighter Thermal Exposure Workshop:
Protective Clothing, Tactics, and Fire
Service PPE Training Procedures
Gaithersburg, Maryland
June 25-26, 1996***

J. Randall Lawson and Nora H. Jason, Editors



Industry Views on Thermal Protective Clothing

Mary Grilliot

Fire & Emergency Manufacturers Services Association

1. Full system performance testing
 - Shower Test
 - Sweating Guarded Hot Plate Testing
 - Full, moving, sweating mannequin flame testing-tomorrow

Summary:

We must begin to evaluate protective properties as the item is to be utilized in the field. We must move from composite to full garment testing, from pieces/elements of the system to the whole system including interface areas.

2. Qualifying the Certification Labs
 - FEMSA Position
 - NFPA Position
 - ANSI Position
3. The Stress Issue
4. The Blood-borne Pathogen Issue
5. The Encapsulation Answer
6. Field review of continuing protective levels
7. The Legal/Insurance Issues peculiar to the Emergency Services